

**PROPOSED 2006 WISCONSIN PM2.5 MONITORING NETWORK
20 STATION NETWORK**

Monitoring Area Population	Site Type	Priority	Monitoring Site(s) (AIRS Site I.D.#s 55-)	Scale of Representation Start Date	Mon. Freq.	Comments
Milwaukee/Waukesha (1.5 million)	CORE Community Oriented FRM Collocated Site Continuous Speciation (1/3)	High	1. Milwaukee SER-DNR Headquarters 2300 N. Dr. MLK Jr. Dr. (079-0026)	Urban Primary- 12/31/98 Colo.-01/30/99	1/3	Existing PAMS station, continuous PM2.5 (FDMS, Rev. “A” added in Sept.’03 – Rev. “B” in spring ‘05). PM2.5 speciation monitor (1/3) began operation in Jan. 2001. Continuous PM2.5 Speciation in 2004 at nearby site (UWM- North) in 2004 – Study will end in June 2005. Supersite. Midwest Hazecam and nephelometer equipment went on- line south of central business district at Bay View Terrace Condos on 6/16/2004.

	SLAMS FRM	High	2. Milwaukee Milwaukee Fire District Hdqs. 711 West Wells St. (079-0099)	Neighborhood 02/05/99	1/3	Site to continue operation at least through Marquette Interchange construction.
	CORE Community Oriented FRM	High	3. Milwaukee 16th St. Community Health Center - at Int. of 16th St. and Greenfield Ave. (079-0010)	Neighborhood 12/25/98	1/3	This site has been a PM2.5 mon. site since spring 1997 when sampling began with Partisol FRM sampler.
	CORE Community Ave. FRM Continuous	High	4. Milwaukee 4942 S. 16th Street(F.A.A.) (079-0059)	Neighborhood Primary- 12/31/98 Colo.-July'99	1/3	Existing NAMS PM10 site. Continuous FDMS – Rev. “B” PM2.5 began on 02/05/04.
Milwaukee/Waukesha (cont.) (1.5 million)	SLAMS Daily Compliance Source-Oriented FRM	Med.	5. Milwaukee Milwaukee Fire District Station. 100 W. Virginia St. (079-0043)	Middle 01/30/99	1/3	Site to continue operation at least through Marquette Interchange construction.

	<p>CORE Community Oriented</p> <p>FRM</p> <p>Continuous</p> <p>Speciation (1/6)</p>	High	6. Waukesha Int. of Niagara St. and Cleveland Ave. (133-0027)	<p>Neighborhood</p> <p>Primary- 12/31/98 Colo.-02/11/99</p>	1/3	<p>Existing NAMS PM10 site. PM2.5 speciation mon. (1/6) began Jan.'02. PM2.5. PM2.5 monitoring site since spring '97 with FRM Partisol sampler. Continuous FDMS PM2.5 – Rev. “B” added on 03/05/04). Continuous PM10 added on 3/31/04.</p>
Ozaukee County/ Harrington Beach	<p>SLAMS Urban Transport</p> <p>FRM</p> <p>Continuous</p>	High	7. Harrington Beach State Park – 531 Hwy “D” (089-0009)	<p>Regional</p> <p>05/09/03</p>	1/3	<p>Continuous FDMS – Rev. “B” PM2.5 added on 4/29/04.</p>
Manitowoc/Two Rivers (50,000)	<p>SLAMS Urban Transport</p> <p>FRM</p>	High	8. Manitowoc Woodland Dunes Preserve 2315 Goodwin Road. (071-0007)	<p>Regional</p> <p>12/31/98</p>	1/3	<p>Ozone/NOX/NOY site. PM2.5 Spec. Mon. began Jan. '02 and ended in February 2005. Continuous FDMS PM2.5 – Rev. “B” added in Jan. 2004.</p>

Madison (400,000)	CORE Community Oriented FRM Continuous	High	9. Madison City Well # 6 2757 University Avenue High pop./veh. Traffic/industry (025-0047) Madison East High School Trailer 2199 Pennsylvania Avenue (025-0041)	Neighborhood 01/01/99	1/3	Maintain operation of this Madison site rather than Dayton St. site (025-0025) due to citizen concerns Re: expansion of nearby UW power plant. Propose to add continuous TEOM in spring 2006 at Madison East H. S. Site.
Madison (400,000)	SPM FRM	High	10. Madison Lowell School Maple Street Citizen Concerns of nearby foundry emissions (025-0048) Funding for site operation provided by City of Madison, Madison School District, Dept. of Health and Family Services and WDNR.	Neighborhood August 2005	1/3	Perform PM2.5 sampling for one year in response to local air quality concerns. Analysis of FRM PM2.5 data will be done to determine if additional year of FRM sampling beyond August 2006 should be performed provided adequate funding is available.

Green Bay (195,000)	SLAMS Community Oriented FRM Collocated Site Continuous	High	11. Green Bay East High School 1415 E. Walnut Street (009-0005)	Neighborhood Primary- 12/31/98 Colo.-12/31/98	1/3	Existing SLAMS SO2 site. Continuous TEOM PM2.5 with FDMS – Rev. “B” began in December 2004 to measure PM2.5 continuously in Fox Valley/NE Wisconsin area for AIRNOW and AQS data submittals.
Green Bay (195,000)	SPM FRM	Med.	12. Green Bay Younkers 1300 N. Quincy Street (009-0009)	Neighborhood Summer 2003	1/3	TSP Metals site collocated with PM10 for intercomparison of PM2.5 and PM10 in urban multi-source area. Proposed for complete site shutdown by January 31, 2006.

Kenosha County	SLAMS Interstate Transport FRM Continuous Speciation (1/6) Speciation to end in January 2006 due to funding cuts.	High	13. Chiwaukee Prairie Nature Preserve 11838 First Court Town of Pleasant Prairie Kenosha County (059-0019)	Regional 12/25/98	1/3	This site has been a PM2.5 monitoring site since Spring 1997 with Partisol FRM sampler. PM2.5 speciation mon. (1/6) began January 2002 (Speciation monitoring proposed for shutdown in January 2006). Began continuous TEOM PM2.5 (in July 2002) and with FDMS Rev. “B” in December 2004.
Grant County	SPM Interstate Transport FRM	High	14. Tennyson Potosi High School 128 Hwy 61 (043-0009)	Regional 12/31/98 01/01/01	1/6 1/3	Sequential sampler installed at end of December 2000

Dodge County	SPM Urban Transport FRM Continuous Speciation (1/3) Speciation frequency may change to 1/6 in July 2006, if necessary, to maintain operation of 1/6 speciation sampling at Waukesha site.	Med.	15. Mayville Town of Hubbard N6705 Madison Road (027-0007)	Regional 12/31/98 New Sequential Sampler 07/08/99	1/6 1/3	SLAMS ozone site, visibility Mon. station using nephelometer. Cont. PM2.5 TEOM with FDMS Rev. "B" and speciation site (1/3). Collocated TEOM continuous PM2.5 with FDMS Rev. "B"s and Cont. TEOM PM10 began in February 2005. Collocated continuous PM2.5 to end in spring 2006. Supersite station. Midwest Hazecam site.
Outagamie County	CORE Community Oriented FRM	Low	16. Appleton Aid Assoc.for Lutherans 4400 Block of N. Meade Street (087-0009)	Neighborhood 12/31/98	1/3	Existing SLAMS ozone site.

Sauk County	SLAMS Regional Background FRM Collocated Site Continuous Collocated Site	Med.	17. Baraboo Devil's Lake State Park E 12886 Tower Road. (111-0007)	Regional 05/09/03	1/3	Continuous PM2.5 sampler installed 11/14/03 with FDMS Rev. "A" (upgraded to Rev. "B" in spring 2005), collocated PM2.5 TEOM with FDMS Rev. "B" installed in October 2004 . O3, Met. and HG Dep. MDN. Supersite.
Waupaca County	SPM FRM	Med.	18. Waupaca East Side Motors E 3520 Hwys. 22/54 (135-0004)	Neighborhood 06/26/2004	1/3	TSP metals site collocated with PM10 for intercomparison of PM2.5 and PM10 in multi-source area. Proposed for complete site shutdown by January 31, 2006.
Vilas County	SPM Background FRM	Low	19. Boulder Junction Trout Lake Forestry Hdqrs. County Hwy. M (125-0001)	Regional 12/31/98	1/6	Existing ozone site.

Taylor County	SPM Regional Background FRM Continuous Speciation (1/6)	Med.	20. Perkinstown County Hwy. M (119-8001)	Regional May 2003	1/3	PM2.5 Speciation site (1/6) est. in Dec. 2001. Continuous PM2.5 with FDMS Rev. "A" installed on 11/21/03 (upgraded to Rev. "B" in spring 2005) to fill gap in north-central WI for regional PM2.5 mapping effort.
St. Croix County	SPM Interstate Transport FRM Continuous	High	21. Somerset Highway 64 East of Somerset (109-1002)	Regional 09/16/2004	1/3	FRM and TEOM Continuous PM2.5 with FDMS – Rev. "B" installed in September 2004 to measure PM2.5 transport into western WI continuously for AIRNOW, AQS and to respond to PM2.5 advisories issued for Twin Cities.
La Crosse County	SPM Interstate Transport FRM	High	22. La Crosse 3550 Mormon Coulee Road (063-0012)	12/09/2005	1/3	Evaluate Impact of Regional Episode PM2.5 Concs. in LaCrosse area and determine correlation with Rochester, MN PM2.5 measurements.